Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
Forest Ecology and Management 228 (2006) v–vi
Forest Ecology and Management
www.elsevier.com/locate/foreco

Contents

Empirical estimate of the reliability of the use of the Point-Centred Quarter Method (PCQM): Solutions to ambiguous field situations and description of the PCQM+ protocol
F. Dahdouh-Guebas and N. Koedam (Brussel, Belgium) 1
Growth of Norway spruce (*Picea abies* L.) saplings in subalpine forests in Switzerland: Does spring climate matter?
C. Cunningham (Zürich, Switzerland), N.E. Zimmermann (Birmensdorf, Switzerland), V. Stoeckli (Davos, Switzerland) and H. Bugmann (Zürich, Switzerland) 19
Autumn nutrient resorption and losses in four deciduous forest tree species
A. Hagen-Thorn (Lund, Sweden), I. Varnagiryte (Kaunas, Lithuania), B. Nihlgård (Lund, Sweden) and K. Armolaitis (Kaunas, Lithuania). 33
Post-harvest patterns of carbon dioxide production, methane uptake and nitrous oxide production in a *Pinus radiata* D. Don plantation
K.R. Tate, D.J. Ross (Palemerston North, New Zealand), N.A. Scott (Palmerston North, New Zealand and Kingston, Canada), N.J. Rodda, J.A. Townsend and G.C. Arnold (Palmerston North, New Zealand) 40
Relationships between yellowheaded spruce sawfly, *Pikonema alaskensis*, density and defoliation on juvenile black spruce
R. Johns, D. Ostaff and D. Quiring (New Brunswick, Canada) 51
Estimating the aboveground biomass and wood volume of savanna woodlands in Brazil's Pantanal wetlands based on allometric correlations
S.M. Salis (Corumbá, Brazil), M.A. Assis (Rio Claro, Brazil), P.P. Mattos (Colombo, Brazil) and A.C.S. Pião (Rio Claro, Brazil) 61
Long-term responses of ecosystem components to stand thinning in young lodgepole pine forest. III. Growth of crop trees and coniferous stand structure
T.P. Sullivan (Vancouver, Canada), D.S. Sullivan, P.M.F. Lindgren and D.B. Ransome (Summerland, Canada) 69
Soil respiration response to experimental disturbances over 3 years
A. Concilio (Toledo, OH, USA), S. Ma (Berkeley, CA, USA), S.-R. Ryu (Toledo, OH, USA), M. North (Davis, CA, USA) and J. Chen (Toledo, OH, USA) 82
Growth model for predicting stand development of *Acacia mangium* in South Sumatra, Indonesia, using the reciprocal equation of size–density effect
S. Kurinobu (Ibaraki, Japan), H. Arisman (South Sumatra, Indonesia), E. Hardiyanto (Yogyakarta, Indonesia) and T. Miyaura (Shiga, Japan) 91
Climatic variability and episodic *Pinus ponderosa* establishment along the forest-grassland ecotones of Colorado
K. League and T. Veblen (Colorado, USA) 98
Assessing deforestation in the Argentine Chaco
P.E. Boletta (Santiago del Estero, Argentina), A.C. Ravelo, A.M. Planchuelo and M. Grilli (Córdoba, Argentina) 108
Prediction of mortality in Appalachian sugar maple stands affected by dieback in southeastern Quebec, Canada
G. Roy, G.R. Larocque (Sainte-Foy, Canada) and C. Ansseau (Sherbrooke, Canada). 115
The role of spatial and temporal scale in colonization and spread of invasive shrubs in early successional habitats
V.S. Johnson, J.A. Litvaitis, T.D. Lee and S.D. Frey (Durham, NH, USA). 124
Estimating variation in a landscape simulation of forest structure
S. Hummel (Portland, OR, USA) and P. Cunningham (Corvallis, OR, USA). 135
Woody debris in a 16-year old *Pinus radiata* plantation in Australia: Mass, carbon and nitrogen stocks, and turnover
L.B. Guo (Canberra, Australia), E. Bek (Hawker, Australia) and R.M. Gifford (Canberra, Australia) 145
Effect of NaCl on emergence and growth of a range of provenances of *Eucalyptus citriodora*, *Eucalyptus populnea*, *Eucalyptus camaldulensis* and *Acacia salicina*
P.A. Madsen and D.R. Mulligan (Queensland, Australia) 152
CpDNA haplotype variation reveals strong human influence on oak stands of the Veluwe forest in The Netherlands
J. Buiteveld and H.P. Koelewijn (Wageningen, The Netherlands). 160
Crown retreat of open-grown Southern live oaks (*Quercus virginiana*) due to canopy encroachment in Florida, USA
T. Spector and F.E. Putz (Gainesville, FL, USA). 168
Effects of forest ownership and change on forest harvest rates, types and trends in northern Maine
S. Jin and S.A. Sader (Orono, ME, USA) 177
Effects of blackberry (*Rubus discolor*) invasion on oak population dynamics in a California savanna
K. Williams, L.J. Westrick and B.J. Williams (San Bernardino, CA, USA) 187
Characteristics of tree seedlings and neighbouring vegetation have an additive influence on browsing by generalist herbivores
A.M. Miller (Tasmania, Australia), C. McArthur (Sydney, Australia) and P.J. Smethurst (Tasmania, Australia). 197
Gene flow between introduced and native *Eucalyptus* species: Early-age selection limits invasive capacity of exotic *E. ovata* × *nitens* F_1 hybrids
R.C. Barbour, B.M. Potts and R.E. Vaillancourt (Tasmania, Australia) 206
Repeatability estimates for oleoresin yield measurements in three species of the southern pines
J.H. Roberds (Saucier, MS, USA) and B.L. Strom (Pineville, LA, USA). 215
Application of texture mapping to generate and communicate the visual impacts of partial retention systems in boreal forests
M. Meitner, R. Gandy and J. Nelson (Vancouver, Canada) 225

Nationwide survey for invasive wood-boring and bark beetles (Coleoptera) using traps baited with pheromones and kairomones
E.G. Brockerhoff (Christchurch, New Zealand), D.C. Jones, M.O. Kimberley (Rotorua, New Zealand), D.M. Suckling (Lincoln, New Zealand) and T. Donaldson (Christchurch, New Zealand) 234
Regional variability of species-specific crown openness for aspen and spruce in western boreal Canada
R. Astrup and B.C. Larson (Vancouver, Canada) 241
A century of vegetation change in the San Juan Mountains, Colorado: An analysis using repeat photography
J.L. Zier and W.L. Baker (Laramie, WY, USA) 251
Small mammal population and habitat responses to forest thinning and prescribed fire
S.J. Converse (Fort Collins, CO, USA), W.M. Block (Flagstaff, AZ, USA) and G.C. White (Fort Collins, CO, USA) 263
Implications of home-range estimation in the management of red-cockaded woodpeckers in South Carolina
K.E. Franzreb (Knoxville, TN, USA) 274
Assessment of site index and forest growth capacity across the Pacific and Inland Northwest U.S.A. with a MODIS satellite-derived vegetation index
R.H. Waring (Corvallis, OR, USA), K.S. Milner, W.M. Jolly (Missoula, MT, USA), L. Phillips and D. McWethy (Bozeman, MT, USA) 285